5. LEASE

UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR	14-20-604-1951
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	- Ute Mtn.
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	Horseshoe Gallup Unit
reservoir. Use Form 3-331-6 for Such propusals./	8. FARM OR LEASE NAME Horseshoe Gallup Unit
1. oil gas cother Injection	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil and Gas Co., a	203
Div. of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR 707 - 17th Street,	Horseshoe Gallup
P.O. Box 5540, Denver, Colo. 80217	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.)	Sec. 34-31N-16W
AT SURFACE: Unit J,2080'FSL & 2030'FEL, Sec. 34	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	San Juan New Mexico
	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	None
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5415 GR. OGICAL SURVEY
TEST WATER SHUT-OFF	OIL AND GAS OPERATIONS
FRACTURE TREAT	r - 1 G.
SHOOT OR ACIDIZE	SEP 23 1982 (NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
MULTIPLE COMPLETE	
CHANGE ZONES	GRAND JUNCTION, COLORADO
ABANDON*	######################################
(other)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is different measured and true vertical depths for all markers and zones pertinent.)	lirectionally drilled, give subsurface locations and
ARCO hereby asks permission to set a cer interval (1298-1335) in the subject with the requirements as set forth in a 1981, and a subsequent letter of April 2 of New Mexico, Energy and Minerals Depart Division (copies attached.)	t well. This is in compliance memorandum dated September 30 26, 1982, both from the State
Attached is the procedure for setting the	
Acceded is the procedure for secting the	
	\ \QEGEIVED
en e	A. / SEP 16 1982
Substitute State Value 14 To 19 To 1	
Subsurface Safety Valve: Manu. and Type	MINERALS MANAGEMENT SE. Ft. DURANGU, CO
18. I hereby certify that the foregoing is true and correct	Donnitud 60
VA. I V	Zumb Zummt 21 1000
SIGNED S. C. ROSE TITLE DIST. Prod. S	Supt.oate August 31, 1982
(This space for Federal or State of	fice use)
APPROVED BY Original Signed - Scott I. Elligitle District Superv	CE DATE SEP 2 4 1982
CONDITIONS OF APPROVAL IF ANY	isor

ATTACHED

HORSESHOE GALLUP UNIT INJECTION WELLS

PLUGGING PROCEDURE

- 1. MIRU.
- 2. Release packer and pull tubing and packer out of hole.
- 3. RIH with tubing open-ended to 40' above the top perforation and pump sufficient cement to set a 100' plug inside the casing (Using light-weight cement).
- 4. POH, RD, and move off.





STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING ARRY KEHOE

April 26, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE NEW MEXICO 87501 (505) 827-2434

RECEIVED

APR 30 1982

ENGINEERING

Arco Oil & Gas Company P.O. Box 5540 Denver, Colorado 80217

ATTENTION: J. G. Bradshaw

RE: Exception to Rule 705-A for Injection Wells in the Horseshoe Gallup Unit, Federal Lease No. 14-08-0001-8200, San Juan County,

New Mexico.

Dear Sir:

Pursuant to your letter of February 18, 1982, requesting exception to Rule 705-A for fifty-seven (57) wells as listed on Table I, the Oil Conservation Division hereby denies both of your requests. You are hereby requested to take prompt action as outlined in the September 30, 1981, Memorandum. (Copy enclosed).

The Oil Conservation Division will not grant an exception to Rule 705-A if a well will not be placed in service within 6 months of the request. For future reference, supportive data for exception to Rule 705-A should include:

- Proof of mechanical integrity, such as bradenhead tests, tracer logs, or other supportive tests or data.
- 2. All related OCD Division Order Numbers or Case Hearing Numbers.
- 3. A schematic of the present injection well including cement tops and quantities thereof.
- 4. Date each well was shut-in.

If you have any questions regarding this matter, please do not hesitate to contact me at (505) 827-2533.

Sancerely,

JÓE D. RAME

Division Director

TABLE I

Horeshoe Gallup Unit Federal Lease No. 14-08-001-8200 San Juan County, New Mexico.

List of Wells

l.	No.	26	В
			_

2. No. 29 B

3. No. 103 A

4. No. 105 A

5. No. 113 A

6. No. 126 C

7. No. 130 C

8. No. 132 C

9. No. 135 C

10. No. 137 C

11. No. 139 C

12. No. 141 C

13. No. 143 D

14. No. 145 D

15. No. 148 \mathcal{D}

16. No. 150 D

17. No. 152 D

18. No. 154 D

19. No. 156 D

20. No. 160 D

21. No. 215 D

22. No. 162 D

23. No. 164 D

24. No. 169 D

25. No. 171

26. No. 173

27. No. 175 D

-28. No. 180 - P

29. No. 182 D

30. No. 184 D

31. No. 186 🔘

-32. No. 192 D

33. No. 194 D_i

34. No. 196 D

35. No. 201

36. No. 203

37. No. 205 D

38. No. 207 🗩

39. No. 213 🔎

40. No. 217 D

41. No. 223 D

42. No. 225 D

43. No. 227 D

44. No. 229

45. No. 238 D

46. No. 240 D

47. No. 248 D

48. No. 250 D

49. No. 259 D

50. No. 261 C

51. No. 263 C

52. No. 269 C

53. No. 274 C

54. No. 275 C

55. No. 73 A

56. No. 199

57. No. 211



OIL CONSERVATION DIVISION



BRUCE KING SOVERNOR LARRY KEHOE SECRETARY POST OFFICE BOX 20 STATE LAND OFFICE BU SANTA FE, NEW MEXICO : (505) 827-2434

MEMORANDUM

TO:

ALL NEW MEXICO INJECTION WELL OPERATORS

FROM:

JOE D. RAMEY, DIRECTOR

SUBJECT:

TEMPORARY ABANDONMENT OF INJECTION WELLS

Division Rule 705A provides in part that "no injection well may be temporarily abandoned for more than six months unless the injection interval has been isolated by use of cement or a bridge plug." The Division Director may delay the cement or bridge plug requirement upon a request by the operator and a showing that such well is mechanically sound, that there is a continuing need for the well, and that the well constitutes no threat to underground sources of drinking water.

Division survey programs have found several hundred injection wells which have not been used for at least six months and which do not have the requisite plugs. Based upon these surveys the Division will be moving to enforce Rule 705A in the near future.

Operators should review the status of their injection wells and within the next six months take one of the following actions relative to injection wells which have been shut in for six months or longer:

- (1) Return the well to active operation.
- (2) Plug and abandon the well or place a <u>cement</u> or <u>bridge plug</u> above the injection interval.
- (3) File a workover or plugging plan and schedule with the appropriate Division district office.
- (4) File a request for exception to Rule 705A with the Division Director in Santa Fe.

September 30, 1981 fd/

CONDITIONS FOR APPROVAL

- 1. Plug to be tagged or pressure tested to 1000 psi.
- 2. Casing at the surface shall be secured with a valve or cap.
- 3. Approval effective for one year only.

